

Roll No. :

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

BPG–1106

M.Sc. (Previous) Examination, 2021

COMPUTER SCIENCE

Paper–MCS–105

(Software Engineering and Internet Programming)

Time : 1½ Hours]

[Maximum Marks : 50

Section–A

(Marks : 2 × 10 = 20)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section–B

(Marks : 3 × 5 = 15)

Note :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **3** marks.

Section–C

(Marks : 5 × 3 = 15)

Note :- Answer any *three* questions out of five (Answer limit **500** words). Each question carries **5** marks.

Section–A

2 each

1. Answer all questions :

- (i) What do you mean by Software Quality ?
- (ii) What is Risk Management ?

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- (iii) What do you mean by Abstraction ?
- (iv) What do you mean by Size Oriented Matrices ?
- (v) What is Research ?
- (vi) What is Research Problem ?
- (vii) What do you mean by World Wide Web ?
- (viii) What is Domain ?
- (ix) What is Empty Tag ?
- (x) What do you mean by Static Web Page ?

Section-B

3 each

2. Describe McCall's Quality Factor.

Or

Explain Spiral Model.

3. What do you mean by Cohesion and Coupling ?

Or

Describe Function Oriented Matrices.

4. Explain different Research Approaches.

Or

Differentiate Research Methods and Methodology.

5. Describe anatomy of an e-mail message.

Or

What do you mean by e-Mail Protocol ?

6. Describe different Formatting Tags.

Or

What do you mean by Webform ? Explain different form tags.

Section–C

5 each

7. What do you mean by Software Requirement Analysis and Specification ?
Explain characteristics and component.
8. What is Software Testing Process ? Explain types and level of testing.
9. What is Objective of Research ? Explain significance and criteria of good research.
10. What do you mean by HTTP ? Explain component of web publishing.
11. What do you mean by CSS ? Explain different types of CSS and their element.